

```

* * * * * STN Columbus * * * * *
FILE 'HOME' ENTERED AT 20:35:29 ON 23 JUN 2006

=> index biosci
FILE 'DRUGMONO2' ACCESS NOT AUTHORIZED
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE TOTAL
ENTRY SESSION
0.21 0.21

INDEX 'ADISCT1, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE,
AQUASCI, BIOENG, BIOSIS, BIOTEGHABS, BIOTEGHNO, CABA, CAPLUS,
CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB,
DRUGMONO2, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 20:35:48 ON 23 JUN 2006

68 FILES IN THE FILE LIST IN STNINDEX

Enter SET DETAIL ON to see search term postings or to view
search error messages that display as 0* with SET DETAIL OFF.

=> s PS49C
1 FILE BIOTEGHABS
1 FILE BIOTEGHDS
1 FILE CAPLUS
2 FILE CROPU
8 FILE DGENE
31 FILES SEARCHED...
3 FILE IFIPAT
5 FILE USPATFUL
1 FILE USPAT2
1 FILE WPIIDS
66 FILES SEARCHED...
1 FILE WPINDEX

10 FILES HAVE ONE OR MORE ANSWERS, 68 FILES SEARCHED IN STNINDEX

L1 QUE PS49C

=> file hits
COST IN U.S. DOLLARS
FULL ESTIMATED COST

SINCE FILE TOTAL
ENTRY SESSION
0.61 0.82

FILE 'DGENE' ENTERED AT 20:36:36 ON 23 JUN 2006
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FILE 'USPATFUL' ENTERED AT 20:36:36 ON 23 JUN 2006
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FILE 'IFIPAT' ENTERED AT 20:36:36 ON 23 JUN 2006
COPYRIGHT (C) 2006 IFI CLAIMS(R) Patent Services (IFI)

FILE 'CROPU' ENTERED AT 20:36:36 ON 23 JUN 2006
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FILE 'BIOTEGHABS' ACCESS NOT AUTHORIZED

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FILE 'CAPLUS' ENTERED AT 20:36:36 ON 23 JUN 2006
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FILE 'USPAT2' ENTERED AT 20:36:36 ON 23 JUN 2006
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FILE 'WPIIDS' ENTERED AT 20:36:36 ON 23 JUN 2006
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FILE 'WPINDEX' ACCESS NOT AUTHORIZED

=> s 11
L2 22 L1

=> dup rem L2
DUPLICATE IS NOT AVAILABLE IN 'DGENE'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING COMPLETED FOR L2
17 DUP REM L2 (5 DUPLICATES REMOVED)

=> s 13 and 17
L4 5 L3 AND 17

=> d 14 bib ab 1-5

L4 ANSWER 1 OF 5 USPATFUL ON STN
AN 2004:167224 USPATFUL <<LOGINID::20060623>>
T1 Polynucleotides, pesticidal proteins, and novel methods of using them
IN Narva, Kenneth E., Carlsbad, CA, UNITED STATES
PA Mycogen Corporation, Indianapolis, IN, UNITED STATES, 46268-1054 (U.S.
corporation)
P1 US 2004:128716 A1 20040701
A1 US 2003:698096 A1 20031031 (10)
R1 Continuation-in-part of Ser. No. US 2001-850351, filed on 7 May 2001,
GRANTED, Pat. No. US 6656908 Continuation-in-part of Ser. No. US
1999-307106, filed on 7 May 1999, GRANTED, Pat. No. US 6603063
Continuation of Ser. No. US 1997-960780, filed on 30 Oct 1997, GRANTED,
Pat. No. US 6204435 Continuation of Ser. No. US 1998-73898, filed on 6
May 1998, GRANTED, Pat. No. US 6242669
PRA1 US 1996-29848P 19961030 (60)
DT Utility
FS APPLICATION
LREP SALIWANCHIK LLOYD & SALIWANCHIK, A PROFESSIONAL ASSOCIATION, 2421 N.W.
41ST STREET, SUITE A-1, GAINESVILLE, FL, 326066669
CUM Number of Claims: 31
ECL Exemplary Claim: 1
DRW 1 Drawing Page(s)
LN CNT 2649
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Disclosed and claimed are novel Bacillus thuringiensis isolates,
pesticidal toxins, and genes. The subject invention also provides novel

```

methods of controlling diamond back moths.

L4 ANSWER 2 OF 5 USPTATFULL on STN
AN 2002:187154 USPTATFULL <<LOGINID::20060623>>
TI Novel pesticidal toxins and nucleotide sequences which encode these toxins
IN Feltelson, Jerald S., San Diego, CA, UNITED STATES
Schnepf, H. Ernest, San Diego, CA, UNITED STATES
Narva, Kenneth E., San Diego, CA, UNITED STATES
Stoekhoff, Brian A., San Diego, CA, UNITED STATES
Schmeits, James, La Jolla, CA, UNITED STATES
Loewer, David, San Diego, CA, UNITED STATES
Dullum, Charles Joseph, San Diego, CA, UNITED STATES
Muller-Cohn, Judy, Del Mar, CA, UNITED STATES
Stamp, Lisa, Del Mar, CA, UNITED STATES
Mortill, George, El Cajon, CA, UNITED STATES
Finstad-lae, Stacey, San Diego, CA, UNITED STATES
US 2002100080 A1 20020725
P1 US 6656908 B2 20031202
US 2001-850351 A1 20010507 (9)
RI Continuation of Ser. No. US 1998-73898, filed on 6 May 1998, GRANTED, Pat. No. US 6242669 Continuation-in-part of Ser. No. US 1997-960780, filed on 30 Oct 1997, GRANTED, Pat. No. US 6204435
PRI 1996-29848P 19961030 (60)
DT Utility
FS APPLICATION
LREP SALLIWANCHIK LLOYD & SALLIWANCHIK, A PROFESSIONAL ASSOCIATION, 2421 N.W. 41ST STREET, SUITE A-1, GAINESVILLE, FL, 326066669
CLMN Number of Claims: 22
ECL Exemplary Claim: 1
DRWN No Drawings
LN CNT 4425
AB CAS INDEXING IS AVAILABLE FOR THIS PATENT.
Disclosed and claimed are novel Bacillus thuringiensis isolates, pesticidal toxins, genes, and nucleotide probes and primers for the identification of genes encoding toxins active against pests. The primers are useful in PCR techniques to produce gene fragments which are characteristic of genes encoding these toxins. The subject invention provides entirely new families of toxins from Bacillus isolates.

L4 ANSWER 3 OF 5 USPTATFULL on STN
AN 2001:82994 USPTATFULL <<LOGINID::20060623>>
TI Pesticidal toxins and nucleotide sequences which encode these toxins
IN Feltelson, Jerald S., San Diego, CA, United States
Schnepf, H. Ernest, San Diego, CA, United States
Narva, Kenneth E., San Diego, CA, United States
Stoekhoff, Brian A., San Diego, CA, United States
Schmeits, James, San Diego, CA, United States
Loewer, David, San Diego, CA, United States
Dullum, Charles Joseph, San Diego, CA, United States
Muller-Cohn, Judy, Del Mar, CA, United States
Stamp, Lisa, San Diego, CA, United States
Mortill, George, El Cajon, CA, United States
Finstad-lae, Stacey, San Diego, CA, United States
Mycogen Corporation, Indianapolis, IN, United States (U.S. corporation)
PA US 6426063 B1 20010603
P1 US 1998-73898 19980506 (9)
AI

RI Continuation-in-part of Ser. No. US 1997-960780, filed on 30 Oct 1997
PRI US 1996-29848P 19961030 (60)
DT Utility
FS Granted
EXNM Primary Examiner: Bugalsky, Gabriele E.
LREP Saliwanchik, Lloyd & Saliwanchik
CLMN Number of Claims: 48
ECL Exemplary Claim: 13
DRWN No Drawings
LN CNT 2079
AB CAS INDEXING IS AVAILABLE FOR THIS PATENT.
Disclosed and claimed are novel Bacillus thuringiensis isolates, pesticidal toxins, genes, and nucleotide probes and primers for the identification of genes encoding toxins active against pests. The primers are useful in PCR techniques to produce gene fragments which are characteristic of genes encoding these toxins. The subject invention provides entirely new families of toxins from Bacillus isolates.

L4 ANSWER 4 OF 5 USPTATFULL on STN
AN 2001:40649 USPTATFULL <<LOGINID::20060623>>
TI Pesticidal toxins and nucleotide sequences which encode these toxins
IN Feltelson, Jerald S., San Diego, CA, United States
Schnepf, H. Ernest, San Diego, CA, United States
Narva, Kenneth E., San Diego, CA, United States
Stoekhoff, Brian A., San Diego, CA, United States
Schmeits, James, San Diego, CA, United States
Loewer, David, San Diego, CA, United States
Dullum, Charles Joseph, San Diego, CA, United States
Muller-Cohn, Judy, Del Mar, CA, United States
Stamp, Lisa M., San Diego, CA, United States
Mycogen Corporation, Indianapolis, IN, United States (U.S. corporation)
PA US 6204435 B1 20010320
P1 US 1997-960780 19971030 (8)
AI US 1996-29848P 19961030 (60)
PRI Utility
DT Utility
FS Granted
EXNM Primary Examiner: Low, Christopher S. F.; Assistant Examiner: Bugalsky, Gabriele
LREP Saliwanchik, Lloyd & Saliwanchik
CLMN Number of Claims: 48
ECL Exemplary Claim: 1
DRWN No Drawings
LN CNT 1929
AB CAS INDEXING IS AVAILABLE FOR THIS PATENT.
Disclosed and claimed are novel Bacillus thuringiensis isolates, pesticidal toxins, genes, and nucleotide probes and primers for the identification of genes encoding toxins active against pests. The primers are useful in PCR techniques to produce gene fragments which are characteristic of genes encoding these toxins. The subject invention provides entirely new families of toxins from Bacillus isolates.

L4 ANSWER 5 OF 5 USPTATFULL on STN
AN 97:86476 USPTATFULL <<LOGINID::20060623>>
TI Identification of, and uses for, nematocidal bacillus thuringiensis genes, toxins, and isolates
IN Feltelson, Jerald S., San Diego, CA, United States
Mycogen Corporation, San Diego, CA, United States (U.S. corporation)
PA

```

P1 US 5670365 19970923
A1 US 1996-620717 19960321 (8)
PLI Continuation-in-part of Ser. No. US 1995-540104, filed on 6 Oct 1995
DT Utility
FS Granted
EXNAM Primary Examiner: Sisson, Bradley L.
LREP Saliwanchik, Lloyd & Saliwanchik
CLM Number of Claims: 23
ECL Exemplary Claim: 1
DRAW No Drawings
LN CNT 1294
CAS INDEXING IS AVAILABLE FOR THIS PATENT.
AB Disclosed and claimed are novel nucleotide primers for the
identification of genes encoding toxins active against nematodes and
coleopterans. The primers are useful in PCR techniques to produce gene
fragments which are characteristic of genes encoding these toxins. The
primers are also useful as nucleotide probes to detect the
toxins-encoding genes. The subject invention also concerns novel
isolates, toxins, and genes useful in the control of plant pests.

=> index biosci
FILE 'DRUGMONOG' ACCESS NOT AUTHORIZED
COST IN U.S. DOLLARS
FULL ESTIMATED COST
SINCE FILE ENTRY TOTAL
27.44 28.26

INDEX 'ADISCTI, ADISINSIGHT, ADISNEMS, AGRICOLA, ANABSTR, ANTE, AQUALINE,
AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHNO, CABA, CAPLUS,
CEABA-VTB, CIN, CONFSCI, CROPB, DDFB, DGENE, DISSABS, DRUGB,
DRUGMONOG, DRUGU, EMBAL, EMBASE, ...' ENTERED AT 20:37:45 ON 23 JUN 2006

68 FILES IN THE FILE LIST IN STINDEX
Enter SET DETAIL ON to see search term postings or to view
search error messages that display as 0* with SET DETAIL OFF.

=> s thuringiensis or bt
77 FILE ADISCTI
24 FILE ADISINSIGHT
8 FILE ADISNEMS
6097 FILE AGRICOLA
124 FILE ANABSTR
305 FILE ANTE
75 FILE AQUALINE
535 FILE AQUASCI
3340 FILE BIOENG
<-----User Break----->
<-----User Break----->
<-----User Break----->
<-----User Break----->
<-----User Break----->
<-----User Break----->
<-----User Break----->
<-----User Break----->
<-----User Break----->
<-----User Break----->

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<-----User Break----->
<-----User Break----->
<-----User Break----->
<-----User Break----->
<-----User Break----->
=> s (thuringiensis or bt) (p) (sup or supernatant)
<-----User Break----->
<-----User Break----->
<-----User Break----->
<-----User Break----->
<-----User Break----->
10 FILE ADISCTI
9 FILE ADISINSIGHT
1* FILE ADISNEMS
17 FILE AGRICOLA
3 FILE ANABSTR
0* FILE ANTE
1* FILE AQUALINE
7 FILE AQUASCI
28* FILE BIOENG
87 FILE BIOSIS
0* FILE BIOTECHABS
11 FILES SEARCHED...
64* FILE BIOTECHDS
664* FILE BIOTECHNO
58 FILE CABA
105 FILE CAPLUS
22* FILE CEABA-VTB
1* FILE CIN
1 FILE CROPB
61 FILE CROPU
120 FILE DGENE
1 FILE DISSABS
11 FILE DRUGU
39 FILE EMBASE
87* FILE ESBIOBASE
30 FILES SEARCHED...
0* FILE FOMAD
0* FILE FORGE
4* FILE FROSTI
57* FILE FSTA
51 FILE GENBANK
47 FILE IFIPAT
9 FILE JICST-EPLUS
1* FILE KOSMET
41 FILE LIFESCI
51 FILE MEDLINE
24* FILE NTIS
0* FILE NUTRACEUT
1794* FILE PASCAL
48 FILES SEARCHED...
0* FILE PHARMATL
50 FILE PROMT
2 FILE RDISCLOSURE
48 FILE SCISEARCH
107 FILE TOXCENTER
5081 FILE USPATFULL
627 FILE USPAT2
5 FILE VETU
1* FILE WATER
28 FILE WPIDS

```

```

1 FILE WPIV
0* FILE WPIINDEX

42 FILES HAVE ONE OR MORE ANSWERS, 68 FILES SEARCHED IN STINDEX
L5 QUE (THURINGIENSIS OR BT) (P) (SUP OR SUPERNATANT)
=> s 15 (p) toxin
1* FILE ADISNEWS
3 FILE AGRICOLA
0* FILE ANTE
0* FILE AQUALINE
8* FILE BIOENG
16 FILE BIOSIS
0* FILE BIOTECBAS
11 FILES SEARCHED...
13* FILE BIOTECBDS
154* FILE BIOTECNO
11 FILE CABA
18 FILE CAPUS
3* FILE CEABA-VTB
1* FILE CIN
16 FILE CROPU
118 FILE DGENE
5 FILE EMBASE
153* FILE ESBIOBASE
0* FILE FORAD
0* FILE FOREGE
1* FILE FROSTI
4* FILE FSTA
34 FILES SEARCHED...
42 FILE GENBANK
3 FILE IFIPAT
2 FILE JICST-EPJUS
1* FILE KOSMET
7 FILE LIFESCI
9 FILE MEDLINE
0* FILE NTIS
0* FILE NUTRACEUT
176* FILE PASCAL
0* FILE PHARMAML
1 FILE PROMT
8 FILE SCISEARCH
29 FILE TOXCENTER
175 FILE USPATFUL
14 FILE USPAT2
3 FILE VETU
64 FILES SEARCHED...
0* FILE WATER
6 FILE WPIIDS
0* FILE WPIINDEX

30 FILES HAVE ONE OR MORE ANSWERS, 68 FILES SEARCHED IN STINDEX
L6 QUE L5 (P) TOXIN
=> d rank

```

```

F1 176* PASCAL
F2 175 USPATFUL
F3 154* BIOTECNO
F4 153* ESBIOBASE
F5 118 DGENE
F6 42 GENBANK
F7 29 TOXCENTER
F8 18 CAPUS
F9 16 BIOSIS
F10 16 CROPU
F11 14 USPAT2
F12 13* BIOTECBDS
F13 11 CABA
F14 9 MEDLINE
F15 8 SCISEARCH
F16 8* BIOENG
F17 7 LIFESCI
F18 6 WPIIDS
F19 5 EMBASE
F20 4* FSTA
F21 3 AGRICOLA
F22 3 IFIPAT
F23 3 VETU
F24 3* CEABA-VTB
F25 2 JICST-EPJUS
F26 1 PROMT
F27 1* ADISNEWS
F28 1* CIN
F29 1* FROSTI
F30 1* KOSMET

```

```

=> file f1-f13
COST IN U.S. DOLLARS
FULL ESTIMATED COST
SINCE FILE ENTRY TOTAL
37.82 66.08

```

FILE 'PASCAL' ENTERED AT 21:14:58 ON 23 JUN 2006
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=> s l6
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'BT' (P) '
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L29' (P) 'TOXIN'
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'BT' (P) '
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L29' (P) 'TOXIN'
FIELD CODE - 'AND' OPERATOR ASSUMED 'L29' (P) 'TOXIN'
6 FILES SEARCHED...
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'BT' (P) '
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L29' (P) 'TOXIN'
L7 935 L6

=> dup rem l7
DUPLICATE IS NOT AVAILABLE IN 'DGENE, GENEBANK'.
ANSWERS FROM THESE FILES WILL BE CONSIDERED UNIQUE
PROCESSING COMPLETED FOR L7
L8 681 DUP REM L7 (254 DUPLICATES REMOVED)

=> s l8 and truncated'
MISMATCHED QUOTE 'TRUNCATED'
Quotation marks (or apostrophes) must be used in pairs,
one before and one after the expression you are setting
off or masking.

=> s l8 and truncated
L9 98 L8 AND TRUNCATED

```

```

=> s l9 and chimeric
L10 70 L9 AND CHIMERIC

=> d l10 trial 1-2
DL10 IS NOT A RECOGNIZED COMMAND
The previous command name entered was not recognized by the system.
For a list of commands available to you in the current file, enter
"HELP COMMANDS" at an arrow prompt (=>).

=> d l10 trial 1-2
L10 ANSWER 1 OF 70 USPATFULL ON STN
AN 2006:138826 USPATFULL
TI Pharmaceutical proteins, human serum albumin
INCL Insulin, native cholera toxic B submitted on transgenic plasmids
INCL INCLM: 800/279.000
NCL INCLS: 435/468.000
NCLM: 800/279.000
NCLS: 435/468.000
IC IPCI A01H0001-00 (1,A); C12N0015-02 (1,A)
GI SECTION PAGES FORMAT SIZE
-----
FRONT PAGE 1 PAGE.FP 74K
DRAWINGS 2-17 PAGE.DRAW 699K
DESCRIPTION 18-74 PAGE.DESC 5376K
CLAIMS 74-74 PAGE.CLAM 56K
COMPLETE 1-74 PAGE.ALL 6151K

Use PAGE(n) to retrieve a specific page

L10 ANSWER 2 OF 70 USPATFULL ON STN
AN 2006:98945 USPATFULL
TI Directed evolution of disulfide-bonded micro-proteins
INCL INCLM: 435/007.100
NCL INCLS: 530/328.000; 530/329.000
NCLM: 435/007.100
NCLS: 530/328.000; 530/329.000
IC IPCI C40B0040-10 (1,A); C40B0040-04 (1,C*)
GI SECTION PAGES FORMAT SIZE
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FRONT PAGE 1 PAGE.FP 47K
DRAWINGS 2-17 PAGE.DRAW 253K
DESCRIPTION 18-269 PAGE.DESC 15300K
CLAIMS 269-270 PAGE.CLAM 110K
COMPLETE 1-270 PAGE.ALL 15687K

Use PAGE(n) to retrieve a specific page

=> s l10 and ps49c
L11 4 L10 AND PS49C

=> d his
(FILE 'HOME' ENTERED AT 20:35:29 ON 23 JUN 2006)

```

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB, DRUGMONOZ, DRUGJ, EMBAL, EMBASE, ...' ENTERED AT 20:35:48 ON 23 JUN 2006

SEA PS49C

L1

1 FILE BIOTECHABS
1 FILE BIOTECHDS
1 FILE CAPLUS
2 FILE CROPU
8 FILE DGENE
3 FILE IFIPAT
5 FILE USPATFULL
1 FILE USPAT2
1 FILE WPIDS
1 FILE WPINDEX
QUE PS49C

L2
L3
L4
FILE 'DGENE, USPATFULL, IFIPAT, CROPU, BIOTECHDS, CAPLUS, USPAT2, WPIDS'
ENTERED AT 20:36:36 ON 23 JUN 2006

L2
L3
L4
22 S L1
17 DUP REM L2 (5 DUPLICATES REMOVED)
5 S L3 AND 17

INDEX 'ADISCTI, ADISINSIGHT, ADISNEWS, AGRICOLA, ANABSTR, ANTE, AQUALINE, AQUASCI, BIOENG, BIOSIS, BIOTECHABS, BIOTECHDS, BIOTECHNO, CABA, CAPLUS, CEABA-VTB, CIN, CONFSCI, CROPB, CROPU, DDFB, DDFU, DGENE, DISSABS, DRUGB, DRUGMONOZ, DRUGJ, EMBAL, EMBASE, ...' ENTERED AT 20:37:45 ON 23 JUN 2006

SEA THURINGIENSIS OR BT

77 FILE ADISCTI
24 FILE ADISINSIGHT
8 FILE ADISNEWS
6097 FILE AGRICOLA
124 FILE ANABSTR
305 FILE ANTE
75 FILE AQUALINE
535 FILE AQUASCI
3340 FILE BIOENG
15070 FILE BIOSIS
0* FILE BIOTECHABS

SEA (THURINGIENSIS OR BT) (P) (SUP OR SUPERNATANT)

9 FILE ADISCTI
10 FILE ADISINSIGHT
1* FILE ADISNEWS
17 FILE AGRICOLA
3 FILE ANABSTR
0* FILE ANTE
1* FILE AQUALINE
7 FILE AQUASCI
28* FILE BIOENG
87 FILE BIOSIS
0* FILE BIOTECHABS
64* FILE BIOTECHDS
664* FILE BIOTECHNO

L5

58 FILE CABA
105 FILE CAPLUS
22* FILE CEABA-VTB
1* FILE CIN
1 FILE CROPB
61 FILE CROPU
120 FILE DGENE
1 FILE DISSABS
11 FILE DRUGJ
39 FILE EMBASE
877* FILE ESBIOBASE
0* FILE FOMAD
0* FILE FOREGE
4* FILE FROSTI
57* FILE FSTA
51 FILE GENBANK
47 FILE IFIPAT
9 FILE JICST-EPLUS
1* FILE KOSMET
41 FILE LIFESCI
51 FILE MEDLINE
24* FILE NTIS
0* FILE NUTRACEUT
1794* FILE PASCAL
0* FILE PHARMAL
50 FILE PROMT
2 FILE RDISCLOSURE
48 FILE SCISEARCH
107 FILE TOXCENTER
5081 FILE USPATFULL
627 FILE USPAT2
5 FILE VETU
1* FILE WATER
28 FILE WPIDS
1 FILE WPIDV
0* FILE WPINDEX
QUE (THURINGIENSIS OR BT) (P) (SUP OR SUPERNATANT)

SEA L5 (P) TOXIN

1* FILE ADISNEWS
3 FILE AGRICOLA
0* FILE ANTE
0* FILE AQUALINE
8* FILE BIOENG
16 FILE BIOSIS
0* FILE BIOTECHABS
13* FILE BIOTECHDS
154* FILE BIOTECHNO
11 FILE CABA
18 FILE CAPLUS
3* FILE CEABA-VTB
1* FILE CIN
16 FILE CROPU
118 FILE DGENE
5 FILE EMBASE
153* FILE ESBIOBASE

0* FILE FOKAD
 0* FILE FOREGE
 1* FILE FROSTI
 4* FILE FSTA
 42 FILE GENBANK
 3 FILE IFIPAT
 2 FILE JICST-EPLUS
 1* FILE KOSMET
 7 FILE LIFESCI
 9 FILE MEDLINE
 0* FILE NTIS
 0* FILE NTRACEUT
 176* FILE PASCAL
 0* FILE PHARMAML
 1 FILE PROMT
 8 FILE SCISEARCH
 29 FILE TOXCENTER
 175 FILE USPAT2
 14 FILE USPAT2
 3 FILE VETU
 0* FILE WATER
 6 FILE WPIDS
 0* FILE WPINDEX
 QUE L5 (P) TOXIN

L6
 FILE 'PASCAL, USPATFULL, BIOTECHNO, ESBIOBASE, DGENE, GENBANK, TOXCENTER, CAPUS, BIOSIS, CROPU, USPAT2, BIOTECHDS, CABA' ENTERED AT 21:14:58 ON 23 JUN 2006

L7 935 S L6
 L8 681 DUP REM L7 (254 DUPLICATES REMOVED)
 L9 98 S L8 AND TRUNCATED
 L10 70 S L9 AND CHIMERIC
 L11 4 S L10 AND PS49C

=> d l11 bib ab 1-4

L11 ANSWER 1 OF 4 USPATFULL on STN
 AN 2004:167224 USPATFULL <<LOGINID::20060623>>
 TI Polynucleotides, pesticidal proteins, and novel methods of using them
 IN Narva, Kenneth E., Carlsbad, CA, UNITED STATES
 PA Merlo, Donald J., Carmel, IN, UNITED STATES
 Mycogen Corporation, Indianapolis, IN, UNITED STATES, 46268-1054 (U.S. corporation)
 PI US 2004:128716 A1 20040701
 AI US 2003:698096 A1 20031031 (10)
 RLI Continuation-in-part of Ser. No. US 2001-850351, filed on 7 May 2001, GRANTED, Pat. No. US 6656908 Continuation-in-part of Ser. No. US 1999-307106, filed on 7 May 1999, GRANTED, Pat. No. US 6603063 Continuation of Ser. No. US 1997-960780, filed on 30 Oct 1997, GRANTED, Pat. No. US 6204435 Continuation of Ser. No. US 1998-73898, filed on 6 May 1998, GRANTED, Pat. No. US 6242669
 PRAI US 1996-29848P 19961030 (60)
 DT Utility
 FS APPLICATION
 LREP SALIWANCHIK LLOYD & SALIWANCHIK, A PROFESSIONAL ASSOCIATION, 2421 N.W. 41ST STREET, SUITE A-1, GAINESVILLE, FL, 326066669

CLIN Number of Claims: 31
 ECL Exemplary Claim: 1
 DRWN 1 Drawing Page(s)
 LN.CNT 2649
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 AB Disclosed and claimed are novel Bacillus thuringiensis isolates, pesticidal toxins, and genes. The subject invention also provides novel methods of controlling diamond back moths.

L11 ANSWER 2 OF 4 USPATFULL on STN
 AN 2002:187154 USPATFULL <<LOGINID::20060623>>
 TI Novel pesticidal toxins and nucleotide sequences which encode these toxins
 IN Feitelson, Jerald S., San Diego, CA, UNITED STATES
 Schepf, H. Ernest, San Diego, CA, UNITED STATES
 Narva, Kenneth E., San Diego, CA, UNITED STATES
 Stockhoff, Brian A., San Diego, CA, UNITED STATES
 Schmeits, James, La Jolla, CA, UNITED STATES
 Loewer, David, San Diego, CA, UNITED STATES
 Dullum, Charles Joseph, San Diego, CA, UNITED STATES
 Muller-Cohn, Judy, Del Mar, CA, UNITED STATES
 Stamp, Lisa, Del Mar, CA, UNITED STATES
 Mortill, George, El Cajon, CA, UNITED STATES
 Finstad-lee, Stacey, San Diego, CA, UNITED STATES
 PI US 2002:100080 A1 20020725
 US 6656908 B2 20031202
 AI US 2001-850351 A1 20010307 (9)
 RLI Continuation of Ser. No. US 1998-73898, filed on 6 May 1998, GRANTED, Pat. No. US 6242669 Continuation-in-part of Ser. No. US 1997-960780, filed on 30 Oct 1997, GRANTED, Pat. No. US 6204435
 PRAI US 1996-29848P 19961030 (60)
 DT Utility
 FS APPLICATION
 LREP SALIWANCHIK LLOYD & SALIWANCHIK, A PROFESSIONAL ASSOCIATION, 2421 N.W. 41ST STREET, SUITE A-1, GAINESVILLE, FL, 326066669
 CLIN Number of Claims: 22
 ECL Exemplary Claim: 1
 DRWN No Drawings
 LN.CNT 4425
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.
 AB Disclosed and claimed are novel Bacillus thuringiensis isolates, pesticidal toxins, genes, and nucleotide probes and primers for the identification of genes encoding toxins active against pests. The primers are useful in PCR techniques to produce gene fragments which are characteristic of genes encoding these toxins. The subject invention provides entirely new families of toxins from Bacillus isolates.

L11 ANSWER 3 OF 4 USPATFULL on STN
 AN 2001:82994 USPATFULL <<LOGINID::20060623>>
 TI Pesticidal toxins and nucleotide sequences which encode these toxins
 IN Feitelson, Jerald S., San Diego, CA, United States
 Schepf, H. Ernest, San Diego, CA, United States
 Narva, Kenneth E., San Diego, CA, United States
 Stockhoff, Brian A., San Diego, CA, United States
 Schmeits, James, San Diego, CA, United States
 Loewer, David, San Diego, CA, United States
 Dullum, Charles Joseph, San Diego, CA, United States

Muller-Cohn, Judy, Del Mar, CA, United States
Stamp, Lisa, San Diego, CA, United States
Morrill, George, El Cajon, CA, United States
Finstad-Lee, Stacey, San Diego, CA, United States
Mycogen Corporation, Indianapolis, IN, United States (U.S. corporation)
P1 US 6242669 B1 20010605
A1 US 1998-73898 19980506 (9)
R1 Continuation-in-part of Ser. No. US 1997-960780, filed on 30 Oct 1997
PRAI US 1996-29848P 19961030 (60)
DT Utility
FS Granted
EXNAM Primary Examiner: Bugalsky, Gabriele E.
LREP Saliwanchik, Lloyd & Saliwanchik
CUMN Number of Claims: 48
ECL Exemplary Claim: 13
DRWN No Drawings
LN.CNT 2079
AB CAS INDEXING IS AVAILABLE FOR THIS PATENT.
Disclosed and claimed are novel *Bacillus thuringiensis* isolates, pesticidal toxins, genes, and nucleotide probes and primers for the identification of genes encoding toxins active against pests. The primers are useful in PCR techniques to produce gene fragments which are characteristic of genes encoding these toxins. The subject invention provides entirely new families of toxins from *Bacillus* isolates.

L11 ANSWER 4 OF 4 USPATFULT on STN
AN 2001:40649 USPATFULT <<LOGINID::20060623>>
T1 Pesticidal toxins and nucleotide sequences which encode these toxins
IN Feltelson, Jerald S., San Diego, CA, United States
Schnepf, H. Ernest, San Diego, CA, United States
Nerwa, Kenneth E., San Diego, CA, United States
Stochoff, Brian A., San Diego, CA, United States
Schmeitz, James, San Diego, CA, United States
Loewer, David, San Diego, CA, United States
Dulium, Charles Joseph, San Diego, CA, United States
Muller-Cohn, Judy, Del Mar, CA, United States
Stamp, Lisa M., San Diego, CA, United States
Mycogen Corporation, Indianapolis, IN, United States (U.S. corporation)
P1 US 6204435 B1 20010320
A1 US 1997-960780 19971030 (8)
PRAI US 1996-29848P 19961030 (60)
DT Utility
FS Granted
EXNAM Primary Examiner: Low, Christopher S. F.; Assistant Examiner: Bugalsky, Gabriele E.
LREP Saliwanchik, Lloyd & Saliwanchik
CUMN Number of Claims: 48
ECL Exemplary Claim: 1
DRWN No Drawings
LN.CNT 1929
AB CAS INDEXING IS AVAILABLE FOR THIS PATENT.
Disclosed and claimed are novel *Bacillus thuringiensis* isolates, pesticidal toxins, genes, and nucleotide probes and primers for the identification of genes encoding toxins active against pests. The primers are useful in PCR techniques to produce gene fragments which are characteristic of genes encoding these toxins. The subject invention provides entirely new families of toxins from *Bacillus* isolates.

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COST IN U.S. DOLLARS
FULL ESTIMATED COST
SINCE FILE
ENTRY
TOTAL
SESSION
118.11

SESSION WILL BE HELD FOR 60 MINUTES
STN INTERNATIONAL SESSION SUSPENDED AT 21:19:57 ON 23 JUN 2006